

PRODUCT-DETAILS

S204M-K6UC

S204M-K6UC Miniature Circuit Breaker - 4P - K - 6 A



Algemene informatie

| | |
|---------------|---|
| Type | S204M-K6UC |
| Artikelnummer | 2CDS274061R0377 |
| EAN | 4013614437625 |
| Omschrijving | S204M-K6UC Miniature Circuit Breaker - 4P - K - 6 A |

Omschrijving

The miniature circuit breaker S 200 M UC extends the established ABB System pro M compact® product range with an MCB for DC and AC applications. The S 200 M UC impresses with its performance range and the accordingly large amount of approvals. Its high inbuilt short circuit breaking capacity across the entire model line, its flexible AC and DC application and its approval and compliance in accordance with all major international and local standards make it truly unique.

All current System pro M compact® accessories can be combined easily with the new model line. Whether warehousing or project engineering, planning, installing or maintaining your equipment, the S 200 M UC is a simple and flexible solution.

Technical

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| Normen | CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077 |
| Uitschakelkenmerk | K |
| Nominaal bedrijfsvoltage | acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC acc. to IEC 60947-2 440 V DC |
| Nominaal isolatievoltage (U _i) | acc. to IEC/EN 60664-1 440 V |

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| Nominale impuls grensvoltage (U_{imp}) | 4 kV at 2000 m 5 kV at Sea Level 6.2 kV |
| Ingangsspanningstype | AC/DC |
| Toegekende stroom (I_n) | 6 A |
| Nominaal kortsluitvermogen | (AC) 10 kA (230 V AC) 10 kA (400 V AC) 10 kA |
| Nominaal ultiem kortsluitvermogen (I_{cu}) | (220 V DC) 25 kA (230 V AC) 25 kA (400 V AC) 10 kA (440 V AC) 10 kA (440 V DC) 10 kA |
| Nominale voorwaardelijke kortsluitstroom (I_{nc}) | (230 V) 25 kA (400 V) 10 kA |
| Nominaal vermogen kortsluitvermogen (I_{cs}) | (220 V DC) 20 kA |
| Toegekende frequentie (f) | 50 / 60 Hz DC |
| Vermogensverlies | 7.08 W at Rated Operating Conditions per Pole 1.77 W |
| Aansluiting voeding | Please Note Polarity of Device |
| Statusindicator | Red ON / Green OFF |
| Energiebeperkende klasse | 3 |
| Mechanisch uithoudingsvermogen | 20000 cycle |
| Aantal polen | 4 |
| Aantal beveiligde polen | 4 |
| Overspanningscategorie | III |
| Aanhaalmoment | 2.8 N·m |
| Type schroefklem | Failsafe Bi-directional Cylinder-lift Terminal |
| Aansturingsmarkering | I / O |
| Aansturingsmateriaal | Insulation Group II, Black, Sealable |
| Materiaal behuizing | Insulation Group I, RAL 7035 |
| Opties | Universal current |
| Montage op DIN-rail | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Plaats van inbouw | any |
| Aanbevolen schroevendraaier | Pozidriv 2 |
| Accessoires beschikbaar | Yes |
| Opmerkingen | Please note polarity of device |
| Verbindingscapaciteit | Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ² |
| Installatiegrootte | acc. to DIN 43880 1 |
| Terminaltype | Schroef |

Environmental

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|-------------------------------|---|
| Omgevingsluchttempera tuur | Werking -25 ... +55 °C Opslag -40 ... +70 °C |
| Beschermingsgraad | IP20 Enclosure with Cover IP40 |
| Verontreinigingsgraad | 3 |
| Milieu-omstandigheden | 28 cycles with 55 °C / 90-96 % |

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| | and 25 °C / 95-100 % |
| Weerstand tegen trillingen volgens IEC 60068-2-6 | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In |
| Schokweerstand volgens IEC 60068-2-27 | 25g 2 shocks 13 ms |
| RoHS-status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS-informatie | 2CDK400583D2704 |
| REACH-verklaring | 9AKK107492A1906 |
| Milieu-informatie | 2CDK400030D201 |
| SCIP | cec6beff-be12-4313-bcef-0d0cbaa3ae87 Germany (DE) |

Technical UL/CSA

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| Maximale bedrijfsspanning UL/CSA | 500 V DC 480Y / 277 V AC |
| Onderbrekende classificatie volgens UL1077 | (220 V AC) 10 kA (277 V AC) 6 kA (440 V DC) 10 kA (480Y / 277 V AC) 10 kA (500 V DC) 10 kA |
| Verbindingscapaciteit UL/CSA | Busbar 14-8 AWG Conductor 14-4 AWG |
| Aanhaalmoment UL/CSA | 25 in·lb |

Dimensions

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|--------------------------------|----------|
| Breedte in module-eenheden | 4 |
| Product netto breedte | 70 mm |
| Product netto hoogte | 85 mm |
| Product netto diepte | 69 mm |
| Product netto gewicht | 0.5 kg |
| Pool netto gewicht | 0.125 kg |
| Inbouwdiepte (t ₂) | 69 mm |

Ordering

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|-----------------------------|---------------|
| Minimale bestelhoeveelheid | 1 stuk |
| Pakketniveau 1 Units | karton 1 stuk |
| Pakketniveau 1 Brutogewicht | 0.51 kg |
| E-Number (Finland) | 3210531 |

Certificates and Declarations

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|------------------------------|------------------------|
| Certificatieagentschap | CSA EN IEC UL |
| Conformiteitsverklaring - CE | 2CDK400583D2704 |

Installation

Instructies en
handleidingen

2CDS207104P0002

Popular Downloads

Gegevensblad,
technische informatie

2CDC002142D0207

Classifications

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| ETIM 8 | EC000042 - Installatieautomaat |
| ETIM 9 | EC000042 - Installatieautomaat |
| WEEE-categorie | 5. Small Equipment (No External Dimension More Than 50 cm) |
| AEEA B2C / B2B | Business To Business |
| CN8 | 8536 20 10 |
| UNSPSC | 39121603 |
| eClass | V11.0 : 27141901 |
| IGCC (IDEA granulaire categoricode) | 4899 >> Miniature circuit breaker (MCB) screw-in model |
| Object classificatiecode | F |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|-----------------|--------------------------------------|---------------|----------|-----------------|
| 2CDS200922R0001 | S2C-S/H6R Signal / Auxiliary Contact | S2C-S/H6R | 1 | piece |
| 2CDS200912R0001 | S2C-H6R Auxiliary Contact | S2C-H6R | 1 | piece |
| 2CDS200936R0001 | S2C-H11L Auxiliary Contact | S2C-H11L | 1 | piece |
| 2CDS200936R0002 | S2C-H20L Auxiliary Contact | S2C-H20L | 1 | piece |
| 2CDS200936R0003 | S2C-H02L Auxiliary Contact | S2C-H02L | 1 | piece |
| 2CDS200946R0001 | S2C-H6-11R Auxiliary Contact | S2C-H6-11R | 1 | piece |
| 2CDS200946R0002 | S2C-H6-20R Auxiliary Contact | S2C-H6-20R | 1 | piece |
| 2CDS200946R0003 | S2C-H6-02R Auxiliary Contact | S2C-H6-02R | 1 | piece |
| 2CDS200909R0001 | S2C-A1 Shunt Trip | S2C-A1 | 1 | piece |
| 2CDS200909R0002 | S2C-A2 Shunt Trip | S2C-A2 | 1 | piece |
| 2CSS200911R0001 | S2C-UA 12 DC Undervoltage release | S2C-UA 12 DC | 1 | piece |
| 2CSS200911R0002 | S2C-UA 24 AC Undervoltage release | S2C-UA 24 AC | 1 | piece |
| 2CSS200911R0003 | S2C-UA 48 AC Undervoltage release | S2C-UA 48 AC | 1 | piece |
| 2CSS200911R0004 | S2C-UA 110 AC Undervoltage release | S2C-UA 110 AC | 1 | piece |
| 2CSS200911R0005 | S2C-UA 230 AC Undervoltage release | S2C-UA 230 AC | 1 | piece |
| 2CSS200911R0006 | S2C-UA 400 AC Undervoltage release | S2C-UA 400 AC | 1 | piece |
| 2CSS200911R0007 | S2C-UA 24 DC Undervoltage release | S2C-UA 24 DC | 1 | piece |
| 2CSS200911R0008 | S2C-UA 48 DC Undervoltage release | S2C-UA 48 DC | 1 | piece |
| 2CSS200911R0009 | S2C-UA 110 DC Undervoltage release | S2C-UA 110 DC | 1 | piece |
| 2CSS200911R0010 | S2C-UA 230 DC Undervoltage release | S2C-UA 230 DC | 1 | piece |
| 2CSS201997R0013 | S2C-CM1 Motor operating device | S2C-CM1 | 1 | piece |
| 2CSS203997R0013 | S2C-CM2/3 Motor operating device | S2C-CM2/3 | 1 | piece |
| 2CSS204997R0013 | S2C-CM4 Motor operating device | S2C-CM4 | 1 | piece |
| GHS2001901R0003 | S2C-DH Mechanical Accessories | S2C-DH | 1 | piece |
| 2CSS200998R0001 | S2C-BP Mechanical tripping device | S2C-BP | 1 | piece |
| 2CSS200999R0001 | S2C-EST Plug-in base | S2C-EST | 1 | piece |
| 2CDS200918R0001 | S2C-NT Hand Operated Neutral | S2C-NT | 1 | piece |
| 2CCA880100R0001 | CMS-100PS Sensor | CMS-100PS | 1 | piece |
| 2CCA880101R0001 | CMS-101PS Sensor | CMS-101PS | 1 | piece |
| 2CCA880102R0001 | CMS-102PS Sensor | CMS-102PS | 1 | piece |

Categorieën

Laagspanningsproducten en -systemen → Modulaire DIN rail producten → Miniature Circuit Breakers MCBs → Installatieautomaten MCB's

